A-dec Warm Air Tooth Dryer

Quick Start Guide

About the Warm Air Tooth Dryer

Your tooth dryer allows you to quickly prepare the tooth surface using warm, nearly dry air. As the compressed air passes through the tube, it separates into two distinct swirling air streams – one warm, one cold. The warm air flows out gently from the tip orifice, while cold air is exhausted.

Operating Temperature

The tooth dryer air temperature will be affected by changes in air pressure: an increase in air pressure will cause an increase in temperature; likewise, a decrease in air pressure will cause a decrease in temperature. Be aware that the handpiece pressure gauge on the control system indicates tooth dryer air pressure.

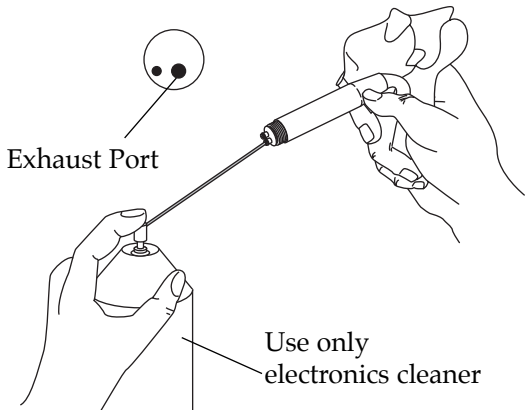
Tubing Considerations

Never connect the dryer to tubing previously used with a dental handpiece. Oil residues in the handpiece tubing will contaminate the dryer internally which may reduce or block air flow. In addition, oil residues blowing out of the dryer may seriously contaminate the work surface. If you suspect that the tooth dryer has been contaminated internally with oil residue, follow the steps in the table.

Table 1 Steps for Internal Cleaning of Tooth Dryer

Step	Action
1	Remove the dryer from the handpiece tubing.
2	While holding the dryer over a sink, pan, or towel, use an electronics degreaser to flush it out.
3	Spray the cleaner into the exhaust air port for 5 to 10 seconds, then shake the instrument to force out any remaining degreaser.

The instrument will air dry within several minutes. If it is necessary to use the instrument immediately after cleaning, dry it out on its own dedicated handpiece tubing by operating for 10 to 15 seconds before using.



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85.0674.00
2004-01
Rev. L (04213)

Care Instructions	The exterior of the tooth dryer must be cleaned. Handpiece cleaning solutions which are not corrosive to aluminum (check the product label before using) may be used to wipe the external surfaces of the tooth dryer. Avoid bleach and peroxides. Be sure to thoroughly remove all cleaning solutions. Do not allow cleaning solution to enter the dryer via its tip orifice or air supply and exhaust ports. Cleaning solution may become trapped internally causing blockage of air flow by dried solution, and even internal corrosion. If you suspect that the dryer has cleaning solution trapped internally, follow the internal cleaning instructions. To prevent corrosion of the instrument's connecting threads by trapped cleaning solution, remove the dryer from its handpiece tubing before wiping. Do not use dry heat sterilization. Sterilize tooth dryer handpiece using steam autoclave or chemicial vapor (275°F [135°C] maximum temperature), four minutes at temperature. For recommended asepsis instructions, refer to your *A-dec Equipment Asepsis Owner's Guide*, A-dec Publication No. 85.0696.00.
Repair Information	The tooth dryer contains no field or user serviceable parts. Do not attempt to take the dryer apart, doing so may disturb the internal calibration and result in improper operation. Attempts to disassemble or service the tooth dryer will void the warranty.

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85.0674.00
2004-01
Rev. L (04213)

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Maintenance Record

Date of Service	Model/Description of Service	Technician's Initials